

AMENDMENTS TO THE SPECIFICATION:

Please cancel the current Abstract and add a new Abstract as follows:

An apparatus for X-ray analysis ~~comprises~~ includes (1) a focusing optical system including an X-ray source, a specimen table and a two-dimensional X-ray detector, (2) a device for shifting the angle of incidence of X-rays relative to a specimen supported by the specimen table, (3) a device for moving the two-dimensional X-ray detector in parallel with a central axis of rotation of the specimen and (4) a mask arranged in front of the two-dimensional X-ray detector. The mask has a slit arranged on a line intersecting a plane rectangularly intersecting ~~[[said]]~~ the central axis of rotation of the specimen and containing a central optical axis of incident X-rays. The mask ~~having the slit~~ is driven to move in parallel with the axis of rotation of the specimen so that ~~[[a]] measuring operation can be conducted on the basis of the focusing method by using the two-dimensional X-ray detector. It is possible to conduct a measuring operation on the basis of the parallel beam method when the mask is removed from the front of the two-dimensional X-ray detector and a parallel X-ray beam is made to strike the specimen. Thus, with an apparatus for X-ray analysis according to the present invention, it is possible to selectively conduct a measuring operation using the focusing method and a measuring operation using the parallel beam method.~~